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54 Chromatographic binding assay devices and methods.

57 An assay device, method and kit for detecting or quantitating an analyte in a test sample containing or suspected of containing an analyte of interest. The analytical device comprises a chromatographic material containing a capture reagent, immobilized in a capture situs, and an application pad which receives the test sample and contains a diffusive indicator reagent capable of migrating from the application pad to the chromatographic material. The binding of the indicator reagent results in a detectable signal. Preferably, the device includes all of the reagents necessary to perform the assay.

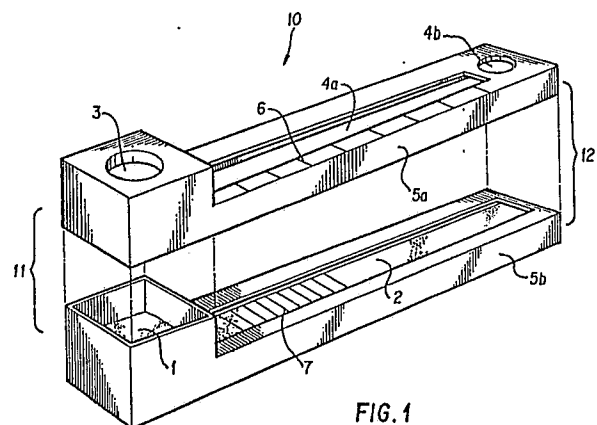


FIG. 1



EP 88 12 1314

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	FR-A-2 356 944 (THYROID DIAGNOSTICS INC.) * * Whole document * & US-A-4 094 647 (Cat. D) * ---	1-4,7,9 -12,17- 21	G 01 N 33/558 G 01 N 33/543
D,X	DE-C-3 445 816 (BEHRINGWERKE AG) * Claims 1,4,8,9 * ---	1-4,7,9 ,12,17- 21	
D,X	* Claims 11-13 * ---	10,11	
X	FR-A-2 514 511 (LIOTTA) * Claims 1-14,18-19; page 3, line 12 - page 4, line 12 * & US-A-4 446 232 (Cat. D) ---	1,3,9- 14,17, 18,20	
P,X	EP-A-0 271 204 (SYNTEX INC.) * Claims 1-3,5-36 * ---	1-3,7,9 -12,17, 18,20	
P,X	* Claim 4 * ---	8	
A	EP-A-0 157 071 (M. ERICSSON) * Whole document * ---	6,22	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
X	WO-A-8 603 839 (E.H. CERNY) * Examples 9,10; claim 17; page 30, lines 13-18 * -----	5,10,11	G 01 N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-05-1989	Examiner ROSDY M.K.P.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			